

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050309

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11C27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 625 308 A (MATSUMOTO OSAMU ET AL) 29 April 1997 (1997-04-29)	1
Y	column 10, line 21 - column 13, line 60 -----	2,6
Y	US 6 404 285 B1 (SHKAP DANIEL) 11 June 2002 (2002-06-11) column 1, line 55 - column 3, line 58; figure 3 -----	2
Y	US 5 081 373 A (SUZUKI MITSUO) 14 January 1992 (1992-01-14) column 1, line 10 - column 4, line 40 -----	6
P,A	EP 1 321 946 A (ST MICROELECTRONICS INC) 25 June 2003 (2003-06-25) column 1, line 3 - column 5, line 33 -----	1-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

8 June 2004

Date of mailing of the international search report

18/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Colling, P

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/050309

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5625308	A	29-04-1997	JP	8335860 A		17-12-1996
US 6404285	B1	11-06-2002	NONE			
US 5081373	A	14-01-1992	JP	2089438 A		29-03-1990
EP 1321946	A	25-06-2003	US	2003118138 A1		26-06-2003
			EP	1321946 A2		25-06-2003
			JP	2003264454 A		19-09-2003